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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/776,994

02/11/2004

Tal Dayan

6041.P016

5858

8791

7590

03/07/2006

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EXAMINER

FANTU, YALKEW

ART UNIT

PAPER NUMBER

2838

DATE MAILED: 03/07/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

EK

**Office Action Summary**

Application No.

10/776,994

Applicant(s)

DAYAN ET AL.

Examiner

Yalkew Fantu

Art Unit

2838

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 February 2004.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 February 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                                        |                                                                                         |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                            | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

### **DETAILED ACTION**

The information labeled as "Appendix A-P" filed on 02/11/2004 is not treated as an Information Disclosure Statement (IDS) for it fails to comply with 37 CFR 1.98(a)(1), which requires the following: (1) a list of all patents, publications, applications, or other information submitted for consideration by the Office; (2) U.S. patents and U.S. patent application publications listed in a section separately from citations of other documents; (3) the application number of the application in which the information disclosure statement is being submitted on each page of the list; (4) a column that provides a blank space next to each document to be considered, for the examiner's initials; and (5) a heading that clearly indicates that the list is an information disclosure statement. The information disclosure statement has been placed in the application file, but the information referred to therein has not been considered.

There is no list, statement of relevance. Therefore though it is placed in file, is not considered as an IDS.

### ***Drawings***

Figure 1, 2 and 6 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the

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applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

### ***Specification***

Applicants are requested to provide detailed information, prior art publications and any other disclosure that caused applicant to state, " A company called American Power Conversions has a product that they have just announced that can fulfill certain aspects of the novel art of this disclosure. However, careful study by one skilled in the art reveals that said product is limited to USB sourcing of the devices" Applicants also requested to identify or provide copies of "co-pending application MW019

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Brotto et al. (US 5,757,163).

With respect to claim 1, Brotto et al. discloses an apparatus comprising a power supply (abstract line 1 and Fig. 2), a charging sequence device (Fig. 2 element 10) and multiple rechargeable devices (Fig. 2 elements 30, 32, 34 and 36).

With respect to claim 2, the power supply is programmable (abstract line 2).

With regard to claim 3, charging sequence device (Fig. 2) further configured to charge the multiple rechargeable separate devices (Fig.2 element 30,32,34, and 36) with a different voltage level (Col. 1 lines 19 and 20).

Regarding claim 4, a single power supply (Col. 3 line 11).

With respect to claims 5, 6 and 7 Brotto et al. discloses charging sequence device comprises a single in port to receive power (Fig. 2 12; Col. 3 line 11), and multiple out port (Col. 3 line 8) to provide power to multiple rechargeable separate devices (Fig. 2 elements 30, 32, 34 and 36), and a switching array (elements 20, 22, 24 and 26), a microcomputer (Fig. 2 element 18) configure to control the charging sequence to the multiple devices (Col. lines 36-38). The microcontroller (Fig. 2 element 18) is further configured to sense when a rechargeable device is finished charging (55-57) by observing a drop in a steady state current, and the microcontroller is configured to shift charging (Col. 6 lines 8-11).

Regarding claim 8, the charging device is further configured to query the multiple rechargeable separate devices (Fig. 2 elements 30, 32, 34 and 36) to obtain information of each device to determine respective power requirements (Col. 5 lines 53-60).

With respect to claim 9 and 10 the charging sequence device (Fig.2), further configured to query the multiple rechargeable device (Fig. 2 element 30, 32,34 and 36)

connected to the charging sequence device to obtain information of each device to generate the required power (Col. 6 lines 8-11). The charging sequence device (Fig. 2) further configured to block power (Col. 4 lines 54-58). To one of the multiple rechargeable devices that is not ready to receive power.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Malackowski (US 6,184,655) reference teaches battery-charging system with power simultaneously charging plurality of batteries. The charger has also a resistor to which a battery is selectively connected to facilitate its discharge.

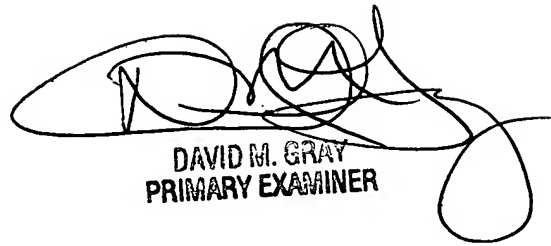
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yalkew Fantu whose telephone number is 571-272-8928. The examiner can normally be reached on (M-F);(8AM-5PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David M. Gray can be reached on 571-272-2119. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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DAVID M. GRAY  
PRIMARY EXAMINER